

MAR 19710005: NORTHEASTERN ALBERTA

Received date: Dec 31, 1971

Public release date: Jan 01, 1973

DISCLAIMER

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment report for a particular purpose and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report so downloaded or retrieved.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

ECONOMIC MINERALS

FILE REPORT No.

U-AF-088(5)

U-AF-089(4)

PROGRESS REPORT
MINERAL EXPLORATION PERMITS

132 and 133
IN THE PROVINCE OF ALBERTA

Anthony Rich

and

John A. Greig

Edmonton, Alberta

April 1st, 1971

Progress of Examination

During August of 1970 a program of scintillometer prospecting and geological mapping was carried out on permits 132 and 133 by a two man field party lead by consulting geologist Dr. Harold H. Williams of Calgary. Two areas were examined, namely, sections 14 and 15, 22 to 24 inclusive, 26 to 28 inclusive and 34 of Twp. 116 range 6 and sections 4 to 9 inclusive and 17 of Twp. 116 range 5 and sections 27 and 33 and 34 of twp. 115 range 5. These two areas were selected on the basis of favourable geological structure and on the basis of results of an airborne radiometric survey conducted during August of 1969 (see Progress Report, April, 1970). Seven radioactive showings were discovered, six of which are located along a mylonite belt striking southwest through Dismal Lake. Details of the survey are embodied in the attached report by Dr. Williams. [see U-AF-088(4)]

Information gained from the above field work as well as previous field work (1969) and the results of the radiometric survey (1969) was used in order to reduce the total area held under permit. It is proposed to reduce the areas of permits 132 and 133 (approximately 20,480 and 18,560 acres respectively) to areas of 12,160 and 5,120 acres respectively as per attached map. A schedule of lands for the reduced permits areas is included with this report.

Plan of Examination For the 1971 Field Season

The reduced permits 132 and 133 contained all of the promising showings found as a result of the 1969 and 1970 programs. It is proposed to carry out a program of detailed geological mapping in the areas where showings have been discovered. It is further proposed to carry out grid controlled radiometric survey over the known showings and where warranted, showings will be trenched. The primary objectives of this more detailed follow-up phase of exploration are as follows:

1. To determine the grades of mineralization in the surface showings and the degree and depth of near-surface leaching.
2. To determine the Th/U ratios (using gamma-ray spectrometric techniques).
3. To determine the structural and/or lithological controls of the mineralization.
4. To investigate favourable structural loci for mineralization in areas obscured by over-burden such as faults. It is important to emphasize that the showings which have been discovered to date may not, in themselves, prove to be of economic importance but these showings do indicate areas where uranium and thorium have been concentrated. It is therefore important to extrapolate the known controls to nearby larger scale structures which are poorly exposed.

Estimated Costs for the 1971 Program

Detailed Geological Mapping and Scintillometer Survey - <u>Phase 1</u>		
Salaries - 2 geologists - 2 months @ \$1500/mo. =		\$3,000.
Camp Equipment =		\$1,500.
Camp Supplies - food @ \$5. per man day =		\$ 600.
Maps, Air Photos, Geological Equipment & Instrumentation =		\$1,000.
Mobilization, Demobilization and Support Aircraft -		
8 flights from Uranium City at \$150 average =		\$ 900.
Mobilization and Demobilization =		\$ 600.
Supervision =		\$ 750.
	Sub Total =	<u>\$8,350.</u>
Contingency - 10% =	\$835.00	
Trenching - Contingent on Results of Above Phase - <u>Phase 2</u>		
30 man days @ \$20./day =		\$ 600.
Dynamite caps, fuse etc. =		\$ 250.
Drill Rental @ \$200./mo. =		\$ 200.
Assays =		\$ 300.
	Sub Total =	<u>\$1,350.</u>
Contingency - 10% =		\$ 970.
	Total with contingencies	<u>\$10,670.</u>

STATUTORY DECLARATION

Approximate costs of the 1970 exploration program carried out on Quartz Mineral Exploration Permits 132 and 133 in the Province of Alberta.

1. Field Costs - 2 man field party	\$1,800.
2. Mobilization and Air support	\$ 600.
3. Post Field Costs - preparation and typing of reports - [REDACTED]	\$ 200.
4. Maps, Air Photos, Drafting, Xeroxing, secretarial	\$ 200.
5. Consulting Geologist Fees- [REDACTED]	\$ 100.
6. Field Supervision and Administrative Costs	\$ 100.

TOTAL \$3,000.

I, Anthony Rich of Edmonton Alberta, certify that the above is a true accounting of the costs incurred in the exploration of Quartz Mineral Exploration Permits 132 and 133 for the period April 1, 1970 to the present.

Sworn and subscribed to in the City of Edmonton in the Province of Alberta this 2nd day of April, 1971.

[REDACTED SIGNATURE]
.....
Anthony Rich

W. Robertson
.....
Notary
Commissioner for Oaths

SCHEDULE

to Quartz Mineral Exploration Permit No. 132

IN TOWNSHIP ONE HUNDRED AND FIFTEEN (115), RANGE FIVE (5),
WEST OF THE FOURTH (4) MERIDIAN:

Sections 4 to 9 inclusive.

AND

IN TOWNSHIP ONE HUNDRED AND FIFTEEN (115), RANGE SIX (6),
WEST OF THE FOURTH (4) MERIDIAN:

Sections 1 and 2, sections 11 to 14 inclusive,
sections 23 to 27 inclusive, and sections 34
and 35.

containing an area of Twelve Thousand - One Hundred and
Sixty (12,160) acres, more or less.

SCHEDULE

to Quartz Mineral Exploration Permit No. 133

IN TOWNSHIP ONE HUNDRED AND SIXTEEN (116), RANGE SIX (6),
WEST OF THE FOURTH (4) MERIDIAN:

Section 15; sections 22 and 23; sections
25 to 27 inclusive and sections 35 and 36.

containing an area of Five Thousand-One Hundred and Twenty
(5,120) acres, more or less.

R.6

R.5.W.4

TP.116

5,120 ACRES

TP.115

12,160 ACRES

LOUTIT LAKE

LAKE
ATHABASCA

REDUCED AREAS OF PERMITS 132 | 133

SCALE 1" = 1/2 MILE

Map No. 1
19710005

